

Title (en)

ECCENTRIC ROUNDEL STRUCTURE FOR COMPRESSING DIAPHRAGM PUMP WITH MULTIPLE EFFECTS

Title (de)

EXZENTER-RONDELLSTRUKTUR FÜR KOMPRIMIERENDE MEMBRANPUMPE MIT MEHRFACHWIRKUNG

Title (fr)

STRUCTURE DE RONDELLE EXCENTRIQUE POUR POMPE À DIAPHRAGME DE COMPRESSION À EFFETS MULTIPLES

Publication

**EP 3146211 A4 20180214 (EN)**

Application

**EP 15796445 A 20150429**

Priority

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Abstract (en)

[origin: WO2015179087A1] A cylindrical or inverted frustoconical eccentric roundel structure for a compressing diaphragm pump includes an annular positioning groove, a vertical or frustoconical flank and a sloped top ring extending between the annular positioning groove and the vertical or inverted frustoconical flank. By providing the sloped top ring, the oblique high frequency pulling and squeezing phenomenon that occurs in a conventional tubular eccentric roundel is completely eliminated.

IPC 8 full level

**F04B 43/00** (2006.01); **F04B 43/02** (2006.01); **F04B 43/04** (2006.01)

CPC (source: EP US)

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Citation (search report)

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